

Recovery Plan Action Status

Plan Name: Recovery Plan for the Alaska-Breeding Population of the Steller's Eider

Plan Status: Final

Plan Date: 30-Sep-02

Lead Agency: USFWS

Lead Office: Fairbanks Fish And Wildlife Field Office

(907)

456-0203)

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
Steller's Eider (Polysticta stelleri)	1	1.1	Increase education efforts including village visits and eider identification tools across the range of the Steller's eider to eliminate take	Ongoing Current	FY 2000 - FY 2004		U.S. Fish and Wildlife Service	Other: Information and Education	Internal Technical Assistance	2007 Priority is 12b
Steller's Eider (Polysticta stelleri)	1	1.10.	Law enforcement to eliminate the use of lead shot for waterfowl	Ongoing Current	FY 2000 - FY 2004		U.S. Fish and Wildlife Service	Other: Law Enforcement	Labor type not yet selected	2007 Priority is 25a
Steller's Eider (Polysticta stelleri)	1	1.11	Screen/monitor for lead exposure throughout the range of the listed population	Ongoing Current	FY 2000 - FY 2004		U.S. Fish and Wildlife Service	Research: Environmental Contaminants	Labor type not yet selected	2007 Priority is 38a
Steller's Eider (Polysticta stelleri)	1	1.12	Monitor use of lead shot on the North Slope	Ongoing Current	FY 2000 - FY 2004		U.S. Fish and Wildlife Service	Other: Law Enforcement	Labor type not yet selected	2007 Priority is 38c
Steller's Eider (Polysticta stelleri)	3	1.13	Education to eliminate use of lead in Russia	Not Started			U.S. Fish and Wildlife Service	Other: Information and Education	Labor type not yet selected	2007 Priority is L
Steller's Eider (Polysticta stelleri)	3	1.14	Study persistence of lead in Arctic	Not Started			U.S. Fish and Wildlife Service	Research: Environmental Contaminants	Labor type not yet selected	2007 Priority is L
Steller's Eider (Polysticta stelleri)	3	1.15	Evaluate grit selection	Not Started			U.S. Fish and Wildlife Service	Research: Environmental Contaminants	Labor type not yet selected	2007 Priority is L
Steller's Eider (Polysticta stelleri)	3	1.16	Assess effects of exposure on STEI	Not Started			U.S. Fish and Wildlife Service	Research: Environmental Contaminants	Labor type not yet selected	2007 Priority is L
Steller's Eider (Polysticta stelleri)	2	1.17	Continue advocacy for prudent oil management	Ongoing Current	FY 2000 - FY 2004		U.S. Fish and Wildlife Service	Management: Reduce Threats in/to Marine Habitats	Labor type not yet selected	2007 Priority is M
Steller's Eider (Polysticta stelleri)	2	1.18	Incorporate eider conservation needs in spill response plan	Ongoing Current	FY 2000 - FY 2004		U.S. Fish and Wildlife Service	Management: Reduce Threats in/to Marine Habitats	Labor type not yet selected	2007 Priority is M

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Steller's Eider (Polysticta stelleri)	2	1.19	Monitor trends in oil concentrations near small boat harbors	Not Started			U.S. Fish and Wildlife Service	Management: Habitat Maintenance and Manipulation	Labor type not yet selected	2007 Priority is M
Steller's Eider (Polysticta stelleri)	1	1.2	In concert with education efforts, increase law enforcement across the range of the Steller's eider to eliminate take	Ongoing Current	FY 2000 - FY 2004		U.S. Fish and Wildlife Service	Other: Law Enforcement	Internal Technical Assistance	2007 Priority is 19a
Steller's Eider (Polysticta stelleri)	2	1.20.	Determine level of exposure in field by monitoring internal exposure	Not Started			U.S. Fish and Wildlife Service	Research: Environmental Contaminants	Labor type not yet selected	2007 Priority is M
Steller's Eider (Polysticta stelleri)	3	1.21	Evaluate physiological effects of exposure	Not Started			U.S. Fish and Wildlife Service	Research: Environmental Contaminants	Labor type not yet selected	2007 Priority is L
Steller's Eider (Polysticta stelleri)	3	1.22	Determine level of exposure in field by looking for dead birds	Not Started			U.S. Fish and Wildlife Service	Research: Environmental Contaminants	Labor type not yet selected	2007 Priority is L
Steller's Eider (Polysticta stelleri)	3	1.23	Expand assessment of hydrocarbon levels in STEI wintering areas	Not Started			U.S. Fish and Wildlife Service	Research: Environmental Contaminants	Labor type not yet selected	2007 Priority is L
Steller's Eider (Polysticta stelleri)	3	1.24	Develop plan for unusual mortality events	Ongoing Current	FY 2000 - FY 2004		U.S. Fish and Wildlife Service	Management: Disease Control	Labor type not yet selected	2007 Priority is L
Steller's Eider (Polysticta stelleri)	1	1.25	Develop and implement technology for reducing collisions	Not Started			U.S. Fish and Wildlife Service	Research: Management Techniques	Labor type not yet selected	2007 Priority is 27b
Steller's Eider (Polysticta stelleri)	1	1.26	Monitor frequency of collisions	Ongoing Current	FY 2000 - FY 2004		U.S. Fish and Wildlife Service	Management: Other	Labor type not yet selected	2007 Priority is 44
Steller's Eider (Polysticta stelleri)	1	1.27	Summarize survival rates of transmitter implanted eiders (include all sea duck species) 1/07	Complete	FY 2006		U.S. Fish and Wildlife Service	Research: Other Information	Labor type not yet selected	2007 Priority is 21d
Steller's Eider (Polysticta stelleri)	2	1.28	Evaluate changes in annual survival of Steller's eiders as a result of surgically implanting transmitters (field study) 1/07	Not Started			U.S. Fish and Wildlife Service	Research: Other Information	Labor type not yet selected	2007 Priority is M

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Steller's Eider (Polysticta stelleri)	2	1.29	Determine the physiological and behavioral effects and pre-screening methods of surgery and implants (captive study) 1/07	Not Started			U.S. Fish and Wildlife Service	Research: Other Information	Labor type not yet selected	2007 Priority is M
Steller's Eider (Polysticta stelleri)	1	1.3	Gather and summarize information on harvest levels in Alaska	Ongoing Current	FY 2000 - FY 2004		U.S. Fish and Wildlife Service	Work type not yet selected	Internal Technical Assistance	2007 Priority is 27a
Steller's Eider (Polysticta stelleri)	2	1.30.	Measure changes in reproductive potential related to implanted transmitters (captive study) 1/07	Not Started			U.S. Fish and Wildlife Service	Research: Other Information	Labor type not yet selected	2007 Priority is M
Steller's Eider (Polysticta stelleri)	2	1.31	Ensure consultation occurs for federal research	Ongoing Current	FY 2000 - FY 2004		U.S. Fish and Wildlife Service	Management: Other	Labor type not yet selected	2007 Priority is M
Steller's Eider (Polysticta stelleri)	3	1.32	Summarize effects of all other research activities	Not Started			U.S. Fish and Wildlife Service	Research: Other Information	Labor type not yet selected	2007 Priority is L
Steller's Eider (Polysticta stelleri)	3	1.33	Develop educational products for researchers	Partially Complete	FY 2008		U.S. Fish and Wildlife Service	Other: Information and Education	Labor type not yet selected	2007 Priority is L
Steller's Eider (Polysticta stelleri)	3	1.4	Gather & summarize information on harvest levels in Russia	Ongoing Not Current	FY 1995 - FY 1999		U.S. Fish and Wildlife Service	Work type not yet selected	Contract	2007 Priority is L
Steller's Eider (Polysticta stelleri)	3	1.5	Education to eliminate shooting in Russia	Not Started			U.S. Fish and Wildlife Service	Other: Information and Education	Contract	2007 Priority is L
Steller's Eider (Polysticta stelleri)	3	1.6	Recommend law enforcement presence at Izembek	Ongoing Current	FY 2000 - FY 2004		U.S. Fish and Wildlife Service	Other: Law Enforcement	Internal Technical Assistance	2007 Priority is L
Steller's Eider (Polysticta stelleri)	3	1.7	Evaluate feasibility of screening birds for embedded shot; conduct pilot study at Kodiak or Izembek (1/07)	Not Started			U.S. Fish and Wildlife Service	Research: Environmental Contaminants	Labor type not yet selected	2007 Priority is L
Steller's Eider (Polysticta stelleri)	1	1.8	Work toward the prohibition of the use of lead shot on the Yukon-Kuskokwim Delta (all seasons, all quarries)	Complete	FY 2000 - FY 2004	FY 2008	U.S. Fish and Wildlife Service	Other: Regulations	Labor type not yet selected	2007 Priority is 4d

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Steller's Eider (Polysticta stelleri)	1	1.9	Continue education, including non-toxic shot clinics and village visits to eliminate the use of lead shot for waterfowl across the range of the Steller's eider	Ongoing Current	FY 2000 - FY 2004		U.S. Fish and Wildlife Service	Other: Information and Education	Labor type not yet selected	2007 Priority is 12a
Steller's Eider (Polysticta stelleri)	1	2.1	Continue fox control near Barrow	Ongoing Current	FY 2005		U.S. Fish and Wildlife Service	Management: Depredation Control	Labor type not yet selected	2007 Priority is 1c
Steller's Eider (Polysticta stelleri)	1	2.10.	Refine, implement and evaluate field techniques for enhancing egg survival with artificial incubation	Partially Complete	FY 2005		U.S. Fish and Wildlife Service	Research: Management Techniques	Labor type not yet selected	2007 Priority is 15b
Steller's Eider (Polysticta stelleri)	1	2.11	Opportunistically collect eggs on the Yukon-Kuskokwim Delta and North Slope to establish a flock of known-geographic origin Steller's eiders at ASLC	Partially Complete	FY 2005		U.S. Fish and Wildlife Service	Management: Propagation	Labor type not yet selected	2007 Priority is 27c
Steller's Eider (Polysticta stelleri)	1	2.12	Determine the number and causes of infertile and inviable eggs in the Barrow breeding population 1/07	Partially Complete	FY 2007		U.S. Fish and Wildlife Service	Research: Other Information	Labor type not yet selected	2007 Priority is 38d
Steller's Eider (Polysticta stelleri)	2	2.13	Captive study: effects of pond salinity on STEI ducklings (added January 2006, moved 1/07)	Ongoing Current			U.S. Fish and Wildlife Service	Research: Climate Change	Labor type not yet selected	2007 Priority is M
Steller's Eider (Polysticta stelleri)	1	2.2	Implement jaeger control (egg removal or adult removal as necessary) under certain circumstances near Barrow	Planned			U.S. Fish and Wildlife Service	Management: Depredation Control	Labor type not yet selected	2007 Priority is 11
Steller's Eider (Polysticta stelleri)	1	2.3	Confirm identity of predator species causing egg/young loss	Ongoing Current	FY 2005		U.S. Fish and Wildlife Service	Research: Predation	Labor type not yet selected	2007 Priority is 21a

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Steller's Eider (Polysticta stelleri)	1	2.4	Reduce availability of anthropogenic food sources to nest predators of Steller's eiders at Barrow	Ongoing Current	FY 2007		U.S. Fish and Wildlife Service	Management: Predator and Competitor Control	Labor type not yet selected	2007 Priority is 32b
Steller's Eider (Polysticta stelleri)	1	2.5	Continue raven control near Barrow	Ongoing Current	FY 2000 - FY 2004		U.S. Fish and Wildlife Service	Management: Depredation Control	Labor type not yet selected	2007 Priority is 32c
Steller's Eider (Polysticta stelleri)	2	2.6	Gull control	Not Started			U.S. Fish and Wildlife Service	Management: Depredation Control	Labor type not yet selected	2007 Priority is M
Steller's Eider (Polysticta stelleri)	1	2.7	Continue education at Barrow, including Eider Journey, Barrow Bird and Cultural Camp, Migratory Bird Calendar contest and North Slope Outreach Team meetings for Barrow residents to reduce disturbance of nests and ducklings	Ongoing Current	FY 2000 - FY 2004		U.S. Fish and Wildlife Service	Other: Information and Education	Labor type not yet selected	2007 Priority is 21b
Steller's Eider (Polysticta stelleri)	1	2.8	Maintain captive flocks, develop techniques for artificial propagation, and investigate development of a second captive flock	Ongoing Current	FY 2006		U.S. Fish and Wildlife Service	Management: Propagation	Labor type not yet selected	2007 Priority is 4b
Steller's Eider (Polysticta stelleri)	1	2.9	Develop a plan for re-introduction, including fully establishing a known-geographic origin flock of Steller's eiders At ASLC	Partially Complete	FY 2007		U.S. Fish and Wildlife Service	Management: Reintroduction	Labor type not yet selected	2007 Priority is 9
Steller's Eider (Polysticta stelleri)	1	3.1	Barrow conservation plan	Partially Complete	FY 2000 - FY 2004		U.S. Fish and Wildlife Service	Acquisition: Management Agreement	Labor type not yet selected	2007 Priority is 1a
Steller's Eider (Polysticta stelleri)	2	3.2	Investigate potential for additional easements on North Slope	Not Started			U.S. Fish and Wildlife Service	Acquisition: Easement	Labor type not yet selected	2007 Priority is M
Steller's Eider (Polysticta stelleri)	2	3.3	Investigate potential for easements on YKD	Not Started			U.S. Fish and Wildlife Service	Acquisition: Easement	Labor type not yet selected	2007 Priority is M

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Steller's Eider (Polysticta stelleri)	3	3.4	Identify various components of important breeding habitat (foraging, roosting, nesting, brood-rearing)	Ongoing Current	FY 2000 - FY 2004		U.S. Fish and Wildlife Service	Management: Identify/Protect Foraging, Breeding and Mig Habitats	Labor type not yet selected	2007 Priority is L
Steller's Eider (Polysticta stelleri)	1	3.5	Identify and protect important non-breeding habitats of the listed population, especially in the Chukchi Sea	Ongoing Current	FY 2000 - FY 2004		U.S. Fish and Wildlife Service	Management: Identify/Protect Foraging, Breeding and Mig Habitats	Labor type not yet selected	2007 Priority is 4a
Steller's Eider (Polysticta stelleri)	1	3.6	Continue studies at Kuskokwim Shoals to understand how eiders using Kuskokwim Shoals relate to the listed population	Partially Complete	FY 2006		U.S. Fish and Wildlife Service	Research: Habitat Requirements	Labor type not yet selected	2007 Priority is 21c
Steller's Eider (Polysticta stelleri)	2	3.7	Investigate habitat associations in Kuskokwim shoals for spring	Not Started			U.S. Fish and Wildlife Service	Research: Habitat Requirements	Labor type not yet selected	2007 Priority is M
Steller's Eider (Polysticta stelleri)	3	3.8	Identify various components of important molting habitat (foraging, resting, etc.)	Not Started			U.S. Fish and Wildlife Service	Research: Habitat Requirements	Labor type not yet selected	2007 Priority is L
Steller's Eider (Polysticta stelleri)	3	3.9	More specific delineation of molting areas	Not Started			U.S. Fish and Wildlife Service	Research: Genetics	Labor type not yet selected	2007 Priority is L
Steller's Eider (Polysticta stelleri)	1	4.1	Continue intensive aerial surveys in the Barrow Triangle	Ongoing Current	FY 1995 - FY 1999		U.S. Fish and Wildlife Service	Research: Population Surveys	Labor type not yet selected	2007 Priority is 4c
Steller's Eider (Polysticta stelleri)	2	4.10.	Conduct aerial summer population survey in Russia	Not Started			U.S. Fish and Wildlife Service	Research: Population Surveys	Labor type not yet selected	2007 Priority is M
Steller's Eider (Polysticta stelleri)	2	4.11	Develop/explore additional means of monitoring Pacific wintering population (workshop)	Not Started			U.S. Fish and Wildlife Service	Research: Population Surveys	Labor type not yet selected	2007 Priority is M
Steller's Eider (Polysticta stelleri)	1	4.12	Continue nest and brood monitoring at Barrow	Ongoing Current	FY 2000 - FY 2004		U.S. Fish and Wildlife Service	Research: Demographic Studies	Labor type not yet selected	2007 Priority is 1b

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Steller's Eider (Polysticta stelleri)	1	4.13	Update and evaluate Population Viability Analysis with the most recent survey and demographic data 1/07	Partially Complete	FY 2008		U.S. Fish and Wildlife Service	Research: Demographic Studies	Labor type not yet selected	2007 Priority is 8
Steller's Eider (Polysticta stelleri)	1	4.14	Continue Izembek adult survival monitoring until analytical and study design are evaluated	Ongoing Not Current	FY 2000 - FY 2004		U.S. Fish and Wildlife Service	Management: Population Monitoring	Labor type not yet selected	2007 Priority is 15c
Steller's Eider (Polysticta stelleri)	1	4.15	Evaluate analytical and study design of Izembek annual survival study	Partially Complete	FY 2008		U.S. Fish and Wildlife Service	Research: Population Assessment	Labor type not yet selected	2007 Priority is 15d
Steller's Eider (Polysticta stelleri)	1	4.16	Generate annual survival estimates from Izembek National Wildlife Refuge (INWR)	Partially Complete	FY 2006		U.S. Fish and Wildlife Service	Research: Demographic Studies	Labor type not yet selected	2007 Priority is 38b
Steller's Eider (Polysticta stelleri)	2	4.17	Initiate survival study at Kuskokwim shoals (during molting period)	Not Started			U.S. Fish and Wildlife Service	Research: Demographic Studies	Labor type not yet selected	2007 Priority is M
Steller's Eider (Polysticta stelleri)	1	4.18	Monitor changes in distribution and abundance of predators at Barrow	Ongoing Current	FY 2000 - FY 2004		U.S. Fish and Wildlife Service	Research: Predation	Labor type not yet selected	2007 Priority is 42b
Steller's Eider (Polysticta stelleri)	2	4.19	Study environmental patterns and processes on the Yukon-Kuskokwim Delta to guide management actions such as predator control (SPEI) and re-introduction (STEI) (added January 2006)	Ongoing Current			U.S. Fish and Wildlife Service	Research: Ecosystem Studies	Labor type not yet selected	2007 Priority is M
Steller's Eider (Polysticta stelleri)	1	4.2	Continue standardized ground-based breeding pair surveys (formerly "Foot Surveys") at Barrow	Ongoing Current	FY 1995 - FY 1999		U.S. Fish and Wildlife Service	Research: Population Surveys	Labor type not yet selected	2007 Priority is 10
Steller's Eider (Polysticta stelleri)	2	4.20.	Synthesize results of management actions	Not Started			U.S. Fish and Wildlife Service	Management: Planning	Labor type not yet selected	2007 Priority is M

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Steller's Eider (Polysticta stelleri)	2	4.21	Monitor changes in lead exposure levels and/or rates	Not Started			U.S. Fish and Wildlife Service	Research: Environmental Contaminants	Labor type not yet selected	2007 Priority is M
Steller's Eider (Polysticta stelleri)	3	4.22	Evaluate cumulative habitat loss	Not Started			U.S. Fish and Wildlife Service	Other: Regulations	Labor type not yet selected	2007 Priority is L
Steller's Eider (Polysticta stelleri)	3	4.23	Monitor researcher activity and impacts	Ongoing Current			U.S. Fish and Wildlife Service	Management	Labor type not yet selected	2007 Priority is L
Steller's Eider (Polysticta stelleri)	3	4.24	Assess tidal regime and currents in dispersing contaminants/effluents	Not Started			U.S. Fish and Wildlife Service	Research: Environmental Contaminants	Labor type not yet selected	2007 Priority is L
Steller's Eider (Polysticta stelleri)	3	4.25	Assess cumulative effects of harbor and wind power development in southwestern Alaska	Not Started			U.S. Fish and Wildlife Service	Other: Regulations	Labor type not yet selected	2007 Priority is L
Steller's Eider (Polysticta stelleri)	2	4.26	Standardize protocol to monitor body condition	Not Started			U.S. Fish and Wildlife Service	Research: General	Labor type not yet selected	2007 Priority is M
Steller's Eider (Polysticta stelleri)	2	4.27	Maximize data collection during banding drive at Izembek	Ongoing Not Current	FY 2000 - FY 2004		U.S. Fish and Wildlife Service	Research: Other Information	Labor type not yet selected	2007 Priority is M
Steller's Eider (Polysticta stelleri)	2	4.28	Determine variation in pre-breeding body mass and condition 1/07	Not Started			U.S. Fish and Wildlife Service	Research: Other Information	Labor type not yet selected	2007 Priority is M
Steller's Eider (Polysticta stelleri)	3	4.29	Expand spatio-temporal scope of sampling	Not Started			U.S. Fish and Wildlife Service	Research: Other Information	Labor type not yet selected	2007 Priority is L
Steller's Eider (Polysticta stelleri)	1	4.3	Explore possibility of counting birds in the ice leads of the Chukchi Sea in spring before they arrive on the North Slope 1/07	Not Started			U.S. Fish and Wildlife Service	Research: Population Surveys	Labor type not yet selected	2007 Priority is 25b
Steller's Eider (Polysticta stelleri)	1	4.4	Conduct a one-time marine survey (Barrow to Wainwright) after birds arrive at Barrow breeding grounds to see if there is a reservoir of non-breeding birds 1/07	Not Started			U.S. Fish and Wildlife Service	Research: Population Surveys	Labor type not yet selected	2007 Priority is 31

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Steller's Eider (Polysticta stelleri)	1	4.5	Evaluate/reconcile North Slope Eider Survey vs. Arctic Coastal Plain Survey (Moved from low 1/07)	Complete	FY 2007	FY 2008	U.S. Fish and Wildlife Service	Research: Management Techniques	Labor type not yet selected	2007 Priority is 45
Steller's Eider (Polysticta stelleri)	2	4.6	Continue Arctic coastal plain survey (breeding pair survey)	Ongoing Current	FY 2000 - FY 2004		U.S. Fish and Wildlife Service	Research: Population Surveys	Labor type not yet selected	2007 Priority is M
Steller's Eider (Polysticta stelleri)	2	4.7	Monitor Kuskokwim shoals for molting use (multiple surveys for different age classes)	Not Started			U.S. Fish and Wildlife Service	Research: Population Surveys	Labor type not yet selected	2007 Priority is M
Steller's Eider (Polysticta stelleri)	2	4.8	Continue North Slope eider survey (changed from L to M 1/07)	Obsolete	FY 2000 - FY 2004	FY 2008	U.S. Fish and Wildlife Service	Research: Population Surveys	Labor type not yet selected	2007 Priority is M
Steller's Eider (Polysticta stelleri)	1	4.9	Continue spring Pacific population survey (Larned's survey)	Ongoing Current	FY 2000 - FY 2004		U.S. Fish and Wildlife Service	Research: Population Surveys	Labor type not yet selected	2007 Priority is 14
Steller's Eider (Polysticta stelleri)	1	5.1	Determine female breeding area fidelity by capturing, marking and re-sighting hens at Barrow	Ongoing Current	FY 2000 - FY 2004		U.S. Fish and Wildlife Service	Research: Demographic Studies	Labor type not yet selected	2007 Priority is 15a
Steller's Eider (Polysticta stelleri)	2	5.10.	Estimate first year survival	Not Started			U.S. Fish and Wildlife Service	Research: Demographic Studies	Labor type not yet selected	2007 Priority is M
Steller's Eider (Polysticta stelleri)	2	5.11	Estimate survival of sub adults	Not Started			U.S. Fish and Wildlife Service	Research: Demographic Studies	Labor type not yet selected	2007 Priority is M
Steller's Eider (Polysticta stelleri)	2	5.12	Determine age and sex ratios on wintering grounds	Not Started			U.S. Fish and Wildlife Service	Research: Demographic Studies	Labor type not yet selected	2007 Priority is M
Steller's Eider (Polysticta stelleri)	2	5.13	Estimate age at first breeding	Partially Complete	FY 2007		U.S. Fish and Wildlife Service	Research: Demographic Studies	Labor type not yet selected	2007 Priority is M
Steller's Eider (Polysticta stelleri)	2	5.14	Develop techniques to determine age and sex (changed and moved from L to M 1/07)	Partially Complete	FY 2005		U.S. Fish and Wildlife Service	Research: Demographic Studies	Labor type not yet selected	2007 Priority is M
Steller's Eider (Polysticta stelleri)	2	5.15	Develop ways to determine recruitment for listed population 1/07	Not Started			U.S. Fish and Wildlife Service	Research: Demographic Studies	Labor type not yet selected	2007 Priority is M

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Steller's Eider (Polysticta stelleri)	3	5.16	Deal with potentially senescent females	Not Started			U.S. Fish and Wildlife Service	Research: Demographic Studies	Labor type not yet selected	2007 Priority is L
Steller's Eider (Polysticta stelleri)	3	5.17	Estimate frequency of breeding after first breeding	Not Started			U.S. Fish and Wildlife Service	Research: Demographic Studies	Labor type not yet selected	2007 Priority is L
Steller's Eider (Polysticta stelleri)	1	5.18	Continue studies on prevalence and effects of disease and causes of mortality (moved from M to high 1/07)	Ongoing Current	FY 2000 - FY 2004		U.S. Fish and Wildlife Service	Research: Disease	Labor type not yet selected	2007 Priority is 32f
Steller's Eider (Polysticta stelleri)	3	5.19	Review and update protocol for handling sick, injured, and dead eiders	Ongoing Current	FY 2000 - FY 2004		U.S. Fish and Wildlife Service	Management: Stranding Response	Labor type not yet selected	2007 Priority is L
Steller's Eider (Polysticta stelleri)	1	5.2	Conduct satellite telemetry study to link breeding, molting, wintering and staging areas (moved from M to High 1/07)	Ongoing Current			U.S. Fish and Wildlife Service	Research: Habitat Requirements	Labor type not yet selected	2007 Priority is 19b
Steller's Eider (Polysticta stelleri)	3	5.20.	Develop baseline hematology and serum chemistry	Partially Complete	FY 2005		U.S. Fish and Wildlife Service	Research: Disease	Labor type not yet selected	2007 Priority is L
Steller's Eider (Polysticta stelleri)	1	5.21	Develop visibility correction factor for aerial surveys of Steller's eiders on the breeding grounds (Moved from M to high 1/07)	Not Started			U.S. Fish and Wildlife Service	Management: Population Monitoring	Labor type not yet selected	2007 Priority is 27d
Steller's Eider (Polysticta stelleri)	1	5.22	Develop techniques for diet assessment	Partially Complete	FY 2005		U.S. Fish and Wildlife Service	Research: Dietary Studies	Labor type not yet selected	2007 Priority is 32e
Steller's Eider (Polysticta stelleri)	2	5.23	Develop techniques to evaluate body condition and general health	Partially Complete	FY 2005		U.S. Fish and Wildlife Service	Research: Other Information	Labor type not yet selected	2007 Priority is M
Steller's Eider (Polysticta stelleri)	3	5.24	Determine spring and summer diet at Barrow	Not Started			U.S. Fish and Wildlife Service	Research: Dietary Studies	Labor type not yet selected	2007 Priority is L
Steller's Eider (Polysticta stelleri)	3	5.25	Determine diet in SW Alaskan waters	Not Started			U.S. Fish and Wildlife Service	Research: Dietary Studies	Labor type not yet selected	2007 Priority is L
Steller's Eider (Polysticta stelleri)	3	5.26	Correlate Barrow breeding effort with environmental variables	Not Started			U.S. Fish and Wildlife Service	Research: Ecosystem Studies	Labor type not yet selected	2007 Priority is L

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Steller's Eider (Polysticta stelleri)	3	5.27	Determine local movements of STEI in wintering areas	Planned	FY 2006		U.S. Fish and Wildlife Service	Management: Identify/Protect Foraging, Breeding and Mig Habitats	Labor type not yet selected	2007 Priority is L
Steller's Eider (Polysticta stelleri)	1	5.3	Further analyze breeding female fidelity at Barrow	Ongoing Current	FY 2009		U.S. Fish and Wildlife Service	Research: Demographic Studies	Labor type not yet selected	2007 Priority is 32a
Steller's Eider (Polysticta stelleri)	1	5.4	Acquire more genetic samples opportunistically from Russia and Alaska	Ongoing Current	FY 2000 - FY 2004		U.S. Fish and Wildlife Service	Research: Genetics	Labor type not yet selected	2007 Priority is 42a
Steller's Eider (Polysticta stelleri)	2	5.5	Document fidelity to breeding, molting, wintering, and staging areas	Ongoing Current	FY 2008		U.S. Fish and Wildlife Service	Research: Demographic Studies	Labor type not yet selected	2007 Priority is M
Steller's Eider (Polysticta stelleri)	2	5.6	Determine distribution of non-breeders in breeding season	Not Started			U.S. Fish and Wildlife Service	Research: Habitat Requirements	Labor type not yet selected	2007 Priority is M
Steller's Eider (Polysticta stelleri)	2	5.7	Breeding female fidelity - satellite telemetry of Russian breeders	Not Started			U.S. Fish and Wildlife Service	Research: Demographic Studies	Labor type not yet selected	2007 Priority is M
Steller's Eider (Polysticta stelleri)	2	5.8	Breeding female fidelity - satellite telemetry of Alaska breeders	Not Started			U.S. Fish and Wildlife Service	Research: Demographic Studies	Labor type not yet selected	2007 Priority is M
Steller's Eider (Polysticta stelleri)	1	5.9	Determine post hatch-fledging survival	Ongoing Current	FY 2005		U.S. Fish and Wildlife Service	Research: Demographic Studies	Labor type not yet selected	2007 Priority is 32d
Steller's Eider (Polysticta stelleri)	2	6.1	Develop technique and identify information needs for evaluating cumulative effects of human development on the listed population of Steller's eiders (break it down into modules so you could start to collect data for models) 1/07	Not Started			U.S. Fish and Wildlife Service	Other: Regulations	Labor type not yet selected	2007 Priority is M

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
Steller's Eider (Polysticta stelleri)	2	6.2	Conduct an experiment to evaluate the ability of social attraction techniques (decoys/sound recordings) to attract Steller's eiders to the YKD or NS (added Feb 2009)	Not Started			To be determined	Work type not yet selected	Labor type not yet selected	2009 Priority is M
Steller's Eider (Polysticta stelleri)	2	6.2	Conduct an experiment to evaluate the ability of social attraction techniques (decoys/sound recordings) to attract Steller's eiders to the YKD or NS (added Feb 2009).	Not Started			To be determined	Work type not yet selected	Labor type not yet selected	2009 Priority is M
Steller's Eider (Polysticta stelleri)	2	6.2	Conduct an experiment to evaluate the ability of social attraction techniques (decoys/sound recordings) to attract Steller's eiders to the YKD or NS (added Feb 2009).	Not Started			To be determined	Work type not yet selected	Labor type not yet selected	2009 Priority is M
Steller's Eider (Polysticta stelleri)	2	6.2	Conduct an experiment to evaluate the ability of social attraction techniques (decoys/sound recordings) to attract Steller's eiders to the YKD or NS (added Feb 2009)	Not Started			To be determined	Work type not yet selected	Labor type not yet selected	2009 Priority is M
Steller's Eider (Polysticta stelleri)	2	6.2	Conduct an experiment to evaluate the ability of social attraction techniques (decoys/sound recordings) to attract Steller's eiders to the YKD or NS (added Feb 2009).	Not Started			To be determined	Work type not yet selected	Labor type not yet selected	2009 Priority is M

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Steller's Eider (Polysticta stelleri)	2	6.2	Conduct an experiment to evaluate the ability of social attraction techniques (decoys/sound recordings) to attract Steller's eiders to the YKD or NS (added Feb 2009)	Not Started			To be determined	Work type not yet selected	Labor type not yet selected	2009 Priority is M